

COC#155

11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
9405 S.W. Nimbus Avenue, Beaverton, OR 97008-7132
20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711

(425) 420-9200 FAX 420-9210
(509) 924-9 FAX 924-9290
(503) 906-9200 FAX 906-9210
(541) 383-9310 FAX 382-7588

CHAIN OF CUSTODY REPORT

Work Order #: M107017

CLIENT: BRISTOL		INVOICE TO: BRISTOL												TURNAROUND REQUEST in Business Days* Organic & Inorganic Analyses 10 7 5 4 3 2 1 <1 STD. Petroleum Hydrocarbon Analyses 5 4 3 2 1 <1 STD. OTHER Please Specify <small>*Turnaround Requests less than standard may incur Rush Charges.</small>					
REPORT TO: ANNE KRANAWETTER		P.O. NUMBER: 21090																	
ADDRESS: AMCHITKA ISLAND, AK		PROJECT NAME: AMCHITKA												MATRIX (W, S, O) # OF CONT. COMMENTS NCA WO ID					
PHONE: 907-770-0974 FAX: 770-0975		PROJECT NUMBER: 21090																	
SAMPLED BY:		REQUESTED ANALYSES																	
CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PCBS																	
1. 01AMTX04MI	7/7/01 1040	X																	
2. 01AMTX05MI	7/7/01 1045	X																	
3.																			
4.																			
5.																			
6.																			
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12.																			
13.																			
14.																			
15.																			
RELINQUISHED BY: Charlie Marshall		FIRM: BRISTOL		DATE: 7/7/01		TIME: 1047		RECEIVED BY: MUSTAHSAN R FAROOQ		FIRM: NCA		DATE: 7-7-01		TIME: 10:52					
RELINQUISHED BY:		FIRM:		DATE:		TIME:		RECEIVED BY:		FIRM:		DATE:		TIME:					
ADDITIONAL REMARKS: TX site composite from three small transducers TX site / OSMI composite from two large																TEMP:		PAGE OF	



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-9223
425.420.9200 fax 425.420.9210
Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
509.924.9200 fax 509.924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
503.906.9200 fax 503.906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
541.383.9310 fax 541.382.7588

7 December, 2001

Anne Kranawetter
Bristol Environmental & Engineering
2000 W International Airport C#1
Anchorage, AK 99502-1116

RE: Amchitka

Enclosed are the results of analyses for samples received by the laboratory on 07/07/01 10:52. If you have any questions concerning this report, please feel free to contact me.

This report was recreated from a previously issued final report in order to provide an electronic copy. The final report used for these electronic copies may have been previously issued as an amended report due to client requested changes to sample names, etc. No data has changed since submission of the previously issued final, or amended, report.

Sincerely,

Stephen Wilson
Environmental Group Leader

Work Orders included in this report:

M107017



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Bristol Environmental & Engineering
2000 W International Airport C#1
Anchorage, AK 99502-1116

Project: Amchitka
Project Number: 21090
Project Manager: Anne Kranawetter

Reported:
07/11/01 16:03

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
01AMTX04MI	M107017-01	Other wet	07/07/01 10:40	07/07/01 10:52
01AMTX05MI	M107017-02	Other wet	07/07/01 10:45	07/07/01 10:52

C.O.C #155

North Creek Analytical - Mobile Lab

Stephen Wilson, Environmental Group Leader

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

North Creek Analytical, Inc.
Environmental Laboratory Network

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2000 W International Airport C#1
Anchorage, AK 99502-1116

Project: Amchitka
Project Number: 21090
Project Manager: Anne Kranawetter

Reported:
07/11/01 16:03

Polychlorinated Biphenyls per EPA Method 8082

North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
01AMTX04MI (M107017-01) Other wet						Sampled: 07/07/01 Received: 07/07/01			
Aroclor 1016	ND	1.00	mg/kg	1	EPA 8082	07/10/01	07/10/01	0107043	
Aroclor 1221	ND	2.00	"	"	"	"	"	"	
Aroclor 1232	ND	1.00	"	"	"	"	"	"	
Aroclor 1242	ND	1.00	"	"	"	"	"	"	
Aroclor 1248	ND	1.00	"	"	"	"	"	"	
Aroclor 1254	ND	1.00	"	"	"	"	"	"	
Aroclor 1260	ND	1.00	"	"	"	"	"	"	
Surr: 2,4,5,6-Tetrachloro-m-xylene	9.35 %	34-152							S-09
Surr: Decachlorobiphenyl	58.2 %	33-162							
01AMTX05MI (M107017-02) Other wet						Sampled: 07/07/01 Received: 07/07/01			
Aroclor 1016	ND	1.00	mg/kg	1	EPA 8082	07/10/01	07/10/01	0107043	
Aroclor 1221	ND	2.00	"	"	"	"	"	"	
Aroclor 1232	ND	1.00	"	"	"	"	"	"	
Aroclor 1242	ND	1.00	"	"	"	"	"	"	
Aroclor 1248	ND	1.00	"	"	"	"	"	"	
Aroclor 1254	ND	1.00	"	"	"	"	"	"	
Aroclor 1260	ND	1.00	"	"	"	"	"	"	
Surr: 2,4,5,6-Tetrachloro-m-xylene	17.3 %	34-152							S-09
Surr: Decachlorobiphenyl	67.2 %	33-162							

North Creek Analytical - Mobile Lab

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Anchorage, AK 99502-1116

Project: Amchitka
Project Number: 21090
Project Manager: Anne Kranawetter

Reported:
07/11/01 16:03

Polychlorinated Biphenyls per EPA Method 8082 - Quality Control

North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 0107043 - EPA 3550

Blank (0107043-BLK1)

Prepared & Analyzed: 07/10/01

Aroclor 1016	ND	1.00	mg/kg
Aroclor 1221	ND	2.00	"
Aroclor 1232	ND	1.00	"
Aroclor 1242	ND	1.00	"
Aroclor 1248	ND	1.00	"
Aroclor 1254	ND	1.00	"
Aroclor 1260	ND	1.00	"

Surr: 2,4,5,6-Tetrachloro-m-xylene

0.456

"

0.500

91.2

34-152

Surr: Decachlorobiphenyl

0.424

"

0.500

84.8

33-162

LCS (0107043-BS1)

Prepared & Analyzed: 07/10/01

Aroclor 1254	2.21	1.00	mg/kg	2.50	88.4	70-150
Surr: 2,4,5,6-Tetrachloro-m-xylene	0.442		"	0.500	88.4	34-152
Surr: Decachlorobiphenyl	0.416		"	0.500	83.2	33-162

LCS Dup (0107043-BSD1)

Prepared & Analyzed: 07/10/01

Aroclor 1254	1.96	1.00	mg/kg	2.50	78.4	70-150	12.0	50
<i>Surr: 2,4,5,6-Tetrachloro-m-xylene</i>	<i>0.421</i>		<i>"</i>	<i>0.500</i>	<i>84.2</i>	<i>34-152</i>		
<i>Surr: Decachlorobiphenyl</i>	<i>0.392</i>		<i>"</i>	<i>0.500</i>	<i>78.4</i>	<i>33-162</i>		

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Project: Amchitka
Project Number: 21090
Project Manager: Anne Kranawetter

Reported:
07/11/01 16:03

Notes and Definitions

S-09 Surrogate recovery is outside control limits due to matrix interference.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis. MRLs are adjusted if %Solids are less than 50%.

wet Sample results reported on a wet weight basis (as received)

RPD Relative Percent Difference

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Items for Project Manager Review

LabNumber	Analysis	Analyte	Exception
			Report recreated from: \\sisters\elmnt\Report\M107017 FINAL 07 11 01 1603.mdb Default Report (not modified)
M107017-01	8082 PCB Oil	2,4,5,6-Tetrachloro-m-xylene	S-09
M107017-01	8082 PCB Oil	2,4,5,6-Tetrachloro-m-xylene	Exceeds lower control limit
M107017-02	8082 PCB Oil	2,4,5,6-Tetrachloro-m-xylene	S-09
M107017-02	8082 PCB Oil	2,4,5,6-Tetrachloro-m-xylene	Exceeds lower control limit